FORM PTO-1449 (Modified)			U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: UM/UC-06646		Serial No.: 10/002,974					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant: Gabriel Nunez et al.							
(Use Several Sheets If Neccessary) (37 CFR § 1.98(b))						Filing Date: 10/26/01 Group Art Unit:						
(37 CFR § 1.98(b)) U.S. PATENT DOCUMENTS												
Examiner Initials 1 6		Cite No.	Serial / Patent Number	Issue Date		ant / Patentee	Class	Subclass	Filing Date			
/	<u> </u>	A COL		REIGN PATENTS (REIGN PATENT APPLICA	TIONS						
SEP .		C109	Document Number	Publication Date				Subc!ass	Trans	lation		
	SEP .1 6				Country	/ Patent Office	Class		Yes	No		
'W'		J. S. S.	WO 01/72822	4 October 01	. /	PCT	_			х		
572	MAP	2	WO 99/64576	16 December 99	X	PCT				ļ <u></u>		
		3	WO 99/40102	12 August 99	X	PCT						
1		4	WO 01/90156	22 November 01	<i>X</i>	PCT		<u>- </u>	<u> </u>	<u> </u>		
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)												
<u>8</u>	5 Ogura et al., "A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease," Nature Vol 411;603 [2001]				01]							
نــــا		6	Hugot et al., "Assoc	ciation of NOD2 leuc	ine-rich repeat varian	ts with susceptibility to Cro	hn's disease," N	lature 411:6837	[2001]	, 		
		7	Inohara et al., "The	NOD: A signaling m	nodule that regulates a	apoptosis and host defense	against pathoger	ns," Oncogene, 2	0:6473 [20	01]		
		8	Ogura et al., "Nod2, a Nod1/Apaf-1 family member that is restricted to monocytes and activates NF-kappa B," J. Biol. Chem. 276:4812 [2001]									
		9	9 Database EMBL, Human NOD2 protein mRNA, Database accession number AF178930									
	10 Database EMBL, June 7, 1999 "Sequencing of human chromosome 16," Database accession no. AC007728											
		11	Database EMBL May 18, 1999 "Use of BAC end sequences from library RPCI-11 for sequence-ready map building," Database Accession No. AQ534686									
٠,		12	Hugot et al., "Mapping of a susceptibility locus for Crohn's disease on chromosome 16," Nature 379:821 [1996]									
		13 Miceli-Richard et al., "CARD15 mutations in Blau syndrome," Nature Genetics 29:19 [2001]										
		Inohara et al., "Nods: A family of cytosolic proteins that regulate the host response to pathogens," Curr. Opin. Microbiol. 5:76 [2002]										
		15 Aderem and Ulevitch, Nature, 406;785-787 [2000]										
	_	16	16 Philpott et al., J. Immunol., 165:903-914 [2000]									
<u></u>		17	Leister and Katagiri, Plant J., 22:345-354 [2000]									
ļ	-	18	Hugot et al., Nature 379:821 [1996]									
	↓	19	Chou et al., Cell, 9	Chou et al., Cell, 94:171 [1998]								
	1	20	Kobe and Deisenho	Kobe and Deisenhofer, Curr. Opin. Struct Biol., 5:409-416 [1995]								
	1	21	Zou et al., J. Bio. (Zou et al., J. Bio. Chem. 274: 11549-11556 [1999]								
	1	22	Schwandner et al., J. Biol. Chem., 274: 17406-17409 [2000]									
	↓_	23	Inohara et al., J. Biol. Chem. 274; 14560-14568 [1999]									
	_	24	Li et al., Cell 91: 479-489 [1997]									
<u> </u>	-	25	Snivasula et al., Mol. Cell 1: 949-957 [1998];									
 :		26	Hu et al., J. Bio. Chem 273: 33489-34494 [1998]									
W		27	Inohara et al., J. Biol. Chem. 273: 12296-12300 [1998]									
Examiner: Date Considered: 11/6/03												
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: UM/UC-06646	Serial No.: 10/002,974					
INF	ORMATIC	ON DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)	Applicant: Gabriel Nunez et al.						
(37 CPR 3F	.98(b))	(,,	Filing Date: 10/26/01	Group Art Unit:					
70.	3	OTHER DOCUMENTS (Including Author, Title, D	ate, Relevant Pages, Place of Publication)						
TO.	286	McCarthy et al., J. Bio. Chem. 273, 16968-16975 [1998]							
	29 2	Pamiske et al., Cell 91: 821-832 [1997]							
E 1	Dixon et al., Proc. Natl. Acad. Sci. U. S. A. 97: 8807-8814 [2000]								
ABADEM.	31	Aliprantis et al., Science, 285:736-739 [1999]							
	32_	Chow et al., J. Biol. Chem., 274/10689-10692 [2000]							
<u> </u>	33	Bertin et al., J. Biol. Chem., 274:12955-12958 (1999)	274:12955-12958 (1999)						
	34	Thome et al., Curr. Biol., 8:885-888 [1998]	- <u>-</u>						
	36 Shirnada et al., Int. Immunol., 11:1357-1362 [1999]								
	37 Huang et al., PNAS, 94:12829-12832 [1997]								
39 Hsu et al., Immunity, 4:387-396 [1996]									
42 Karin, J. Biol. Chem. 274: 27339-27342 [1999] 43 Hofmann et al., Trends Biochem. Sci. 22: 155-156 [1997] 44 MacCorkle et al., Proc. Nat. Acad. Sci. U. S. A. 95: 3655-3660 [1998]									
								46	Zou et al., Cell, 90:405-413 [1997]
	47	Poltorak et al., Science, 282:2085 [1998]							
	48	Takeuchi et al., Immunity, 4:443 [1999]							
	49	Rietschel et al., Curr Top. Microbiol. Immunol., 216:39-81 [1997]							
	50	Cho et al., Inflammatory Bowl Diseases 3:186 [1997]							
	51	Cho et al., Proc. Natl. Acad. Sci. 95:7502 [1998]	······································						
<u> </u>									
	53	Cho et al., Hum. Mol. Gent. 9:1425 [2000]							
	54	Cavanaugh et al., Ann. Hum. Gent. 62:291 [1998]		·					
4	55	Tysk et al., Gut 29:990 [1988]							
		(4-7.0)							
Examiner: Date Considered: 11/6/03									
EXAMINER	::: Inii wit	tal citation considered. Draw line through citation if not in conf h next communication to applicant.	formance and not considered. Include copy	of this form					